

EMSC Advisory Committee Meeting

November 30th 2006



EMSC Staffing Updates

- Pediatric RN Hired

Susan Henning RN, EMT-I

- Bureau of EMS Support Services Position

Allan Liu

Utah EMSC Strategic Plan Update November 2006

EMSC Coordinators (2)

➤ New EMSC Coordinators:

Von Johnson

Heath Green

Christie Petersen

Tom Corrigan

➤ EMSC Retreat: October 26th & 27th St. George Utah

42 people attended – 30 EMSC Coordinators

* Special thanks to Dr. Kathleen Adelgais, Shauna Hatton-Ward, Mike Ely, Heather VanDuker, & Pam Moore*

Objectives of the 2006 EMSC Retreat

- Educate EMSC Coordinators about the new directions of Utah EMSC
- Educate EMSC Coordinators about the pediatric education needs of EMS Providers
- Have EMSC Coordinators determine their role within Utah EMSC
- Train EMSC Coordinators on newly developed EMSC programs and trainings
- Increase EMSC educational resources throughout Utah by providing Train the Trainer on pediatric skills for EMSC Coordinators

EMSC Pediatric Trainings (3)

12 PEPP classes: 147 students

- Dixie
- Cedar City
- Dugway
- Weber State
- UVSC
- Zion
- Kaysville
- Mesquite
- Castledale
- Layton
- Box Elder
- UVSC

4 PALS Classes: 66 students

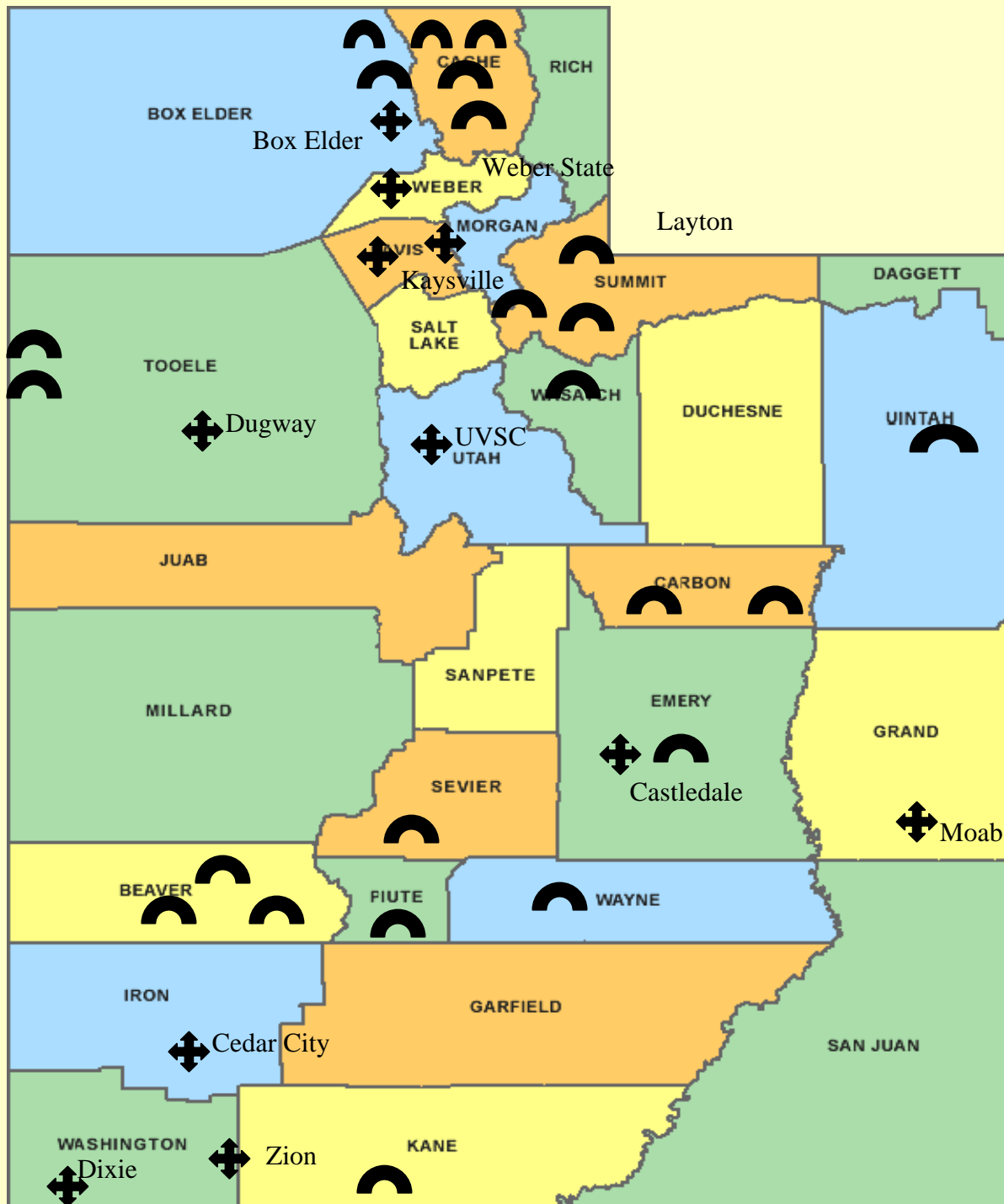
- Delta
- Cassia (2)
- University of Utah PA students

23 Broselow trainings: 120 students

Upcoming Classes:

- Moab
- Weber State
- Grand County
- DCS
- Star Valley (PALS)

PEPP
✚
Broselow
◐



Children With Special Health Care Needs (4)

Emergency Health Information Project



Partners



- Utah EMSC* (EMSC Coordinators and Shauna Hatton-Ward)
- Primary Children's Medical Center
- Center for Children with Special Health Care Needs
- Family Voices
- Medical Home Project
- Life Flight*
- Primary Children's Foundation*

* Fiscal sponsor of project

Purpose of Project

To develop a standardized means of providing key emergency health information to Utah pre-hospital providers responding to a call on a CSHCN in order to improve their care of these children.

Who is eligible for this program?

Medical conditions that qualify a child for this program are:

- *Frequent seizures*
- *Tracheostomy*
- *Ventilator dependency- CPAP/BIPAP*
- *Congenital Heart Disease*
- *Complex respiratory and cardiology needs*
- *Neurologically compromised and requires suctioning for airway patency*
- *Severe asthma with past admittance to ICU*
- *Brittle Diabetics*

Core Program Components

- Emergency Health Information Sheet & Tube to house sheet
- Sticker / Magnet Alert System for EMS
- Parent Education Sheet
- Healthcare Provider Education
- EMS Provider Education
- Updating and tracking of sheets in community by EMSC

Next Steps

- Develop education and marketing tools to educate parents, healthcare providers, and EMS Personnel about the program.
- Make Emergency Health Information Sheet available on-line
- Rollout program in January 2007
- Gain buy-in from EMSC Coordinators

Injury Prevention (5)

Bike Rodeo

Buckle Tough



Utah Department Of Education: What To Do
When Every Minute Counts Program

Bike Rodeo

- 6,592 children served by bike rodeo this year and 3,131 children served last year
- Thanks to Theron Jeppson & Melissa Leek– Injury Prevention Program Bike Rodeo Coordinator

Buckle Tough

- Department of Public Safety Grant to EMSC
- \$22,420.00 for October 1st 2006 – September 30th 2007
- Project will focus on encouraging Utah's rural high school students to buckle up when riding in a truck.

EMSC Coordinators for Buckle Tough

- **Beaver County:** Jacquie Brooks & Steve Brooks
- **Kane County :** Tom Corrigan
- **Davis County:** Scott Harper *
- **Wasatch County:** Launa Nielson
- **Tooele County:** Adele Pagnani & Bob Pagnani
- **Millard County:** Kris Shields & Steve Wilstead
- **Box Elder County:** Amy Trujillo
- **Emery County:** Martin Wilson
- **Carbon County:** Marty Wilson

* Project Coordinator

Utah Department of Education Partnership

- What To Do When Every Minute Counts Program

Taught to all Utah 9th grade students in health class

- Injury Prevention Module

- Incorporation of Buckle Up Message for teens

Teacher Power point

Student module dedicated to Buckle Up message

Workbook activities

Final exam question

Activities: Ghost Out, Dear Abby, Egg experiment

Injury Prevention Program Partnership

- Integrate Buckle Tough program efforts with existing efforts from the Injury Prevention Department.
- EMSC Coordinators will work with the Injury Prevention Coordinator in their area to develop implementation plan
- EMSC Coordinators serve as link with local EMS

EMSC Broselow Training Update (7)



EMSC Coordinators & Broselow Training

Jacquie Brooks

Martin Wilson

Steve Brooks

Marty Wilson

Tom Corrigan

Steve Wilstead

Terry Davis

Jim Zimmerman

Scott Harper

Laurie Tynes

Ryan Eckhardt

Breck Rushton

Dale Maughan

Von Johnson

Launa Nielson

Tammy Barton

Kris Shields

Richard Hirshi

Amy Trujillo

Billina Ashbury

Program

- Pre-survey sent to all rural EMS agencies in Utah (not Davis, Salt Lake, Utah, or Weber counties)
- 58 agencies out of 79 responded to survey
- Agencies eligible for free training through EMSC plus either a free Broselow System (\$1,452.00 value) or free Broselow Tape

Agencies

- 3 agencies eligible for only free EMSC Training
- 13 agencies eligible for free EMSC Training and Broselow Tape
- 41 Agencies eligible for free EMSC Training and Broselow System

Broselow Program Status

- 57 Broselow Bags plus training with EMSC Coordinator to go to agencies
- 6 Broselow Tapes plus training with EMSC Coordinator to go to agencies
- 4 Broselow Training CDs with EMSC Coordinator to go to agencies
- 23 completed trainings to date

Broselow Training Results

	Pre	Post
Agency One	10%	99%
Agency Two	13%	100%
Agency Three	14%	100%
Agency Four	82%	100%
Agency Five	10%	100%
Agency Six	17%	100%
Agency Seven	28%	99%
Agency Eight	38%	100%
Agency Nine	24%	99%
Agency Ten	19%	100%
Agency Eleven	19%	100%

Median Pre-Test = 19%

Median Post-Test = 100%

Broselow Class Evaluations

- When asked confidence level **before** training to calculate a pediatric patient's weight, equipment size, fluid dosages, and medication dosages.

47% were not confident,

33% were somewhat not confident

18% were somewhat confident

2% were confident

- 64% stated that **after** training they were Confident and 36% stated Somewhat Confident in calculating a pediatric patient's weight, equipment size, fluid dosages, and medication dosages.

- When asked to rate the quality of the course 1% said Fair, 34% said Good, and 66% said Excellent.

“Thank you- I had no idea there was so much info on the tape! Thank you for making it easy to understand! Thank you for the bags & wanting us to be better!”

Strategic Plan New Direction (8)

New area added to incorporate findings from Needs Assessment, EMSC Retreat, and PEPP class evaluations

Process	Impact	Outcome
By February 28 th 2007, establish partnerships to work with pediatric hospital emergency department staff in order to increase their understanding of the scope of practice of pre-hospital providers.	By February 15 th 2008, 75% of pediatric hospital emergency department staff participating in an EMSC Training will be able to articulate the scope of practice of EMT-Bs, EMT-Is, and Paramedics in Utah.	By December 30 th 2011, 55% of EMSC Needs Assessment respondents will report increased satisfaction in the on-line medical direction support they receive from pediatric emergency departments. And 60% of on-line medical direction providers at pediatric emergency departments will report increased satisfaction with the level of care provided for children by pre-hospital providers.

EMSC National Performance Measures (9)

Performance Measures

- Advisory Committee Membership

Lisa Runyon, Joy Kader, Carrie Grant & Jonell Murray

- Pediatric Transfer Agreement

EMSC Advisory Sub-Committee & PCMC

- Pediatric Equipment on Ambulances

Tami Goodin & Dan Camp

Questions or Feedback?